

02/19/02  
JC872 U.S. PTO

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 09/588103US1

First Inventor UNKNOWN

Title High Viscosity Polyalphaolefins Prepared With Ionic Liquid Catalyst

Express Mail Label No. EL732378892US

02/19/02

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 14]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets  ]
5. Oath or Declaration [Total Pages  ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document)-COPY
10.  37 CFR 3.73(b) Statement  Power of (when there is an assignee)  Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement/PTO-1449-COPY  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 09 / 588,103  
Prior application information: Examiner: T. Nguyen Group Art Unit: 1764

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

|  |   |           |              |  |
|--|---|-----------|--------------|--|
| <input type="checkbox"/> Customer Number or Bar Code Label | (Insert Customer No. or Attach bar code label here) |           |              | <input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below |
| Name   | Charles W. Stewart                                  |           |              |  |
| Address  | 1301 McKinney, Suite 3454                           |           |              |  |
| City   | Houston   | State     | Texas        | Zip Code   |
| Country  | U.S.A.  | Telephone | 713.289.4661 | Fax  |

|                   |   |                                   |              |
|-------------------|---|-----------------------------------|--------------|
| Name (Print/Type) | Charles W. Stewart  | Registration No. (Attorney/Agent) | 34,023       |
| Signature         |  |                                   | Date 2-19-02 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1178.00)

## Complete if Known

|                      |                 |
|----------------------|-----------------|
| Application Number   | UNKNOWN         |
| Filing Date          | HEREWITH        |
| First Named Inventor | KENNETH D. HOPE |
| Examiner Name        | UNKNOWN         |
| Group Art Unit       | UNKNOWN         |
| Attorney Docket No.  | 09/588103US1    |

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number  
50-1629

Deposit Account Name  
Chevron Phillips Chemical Company LP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code (\$) | Fee (\$) | Fee Code (\$) | Fee Description | Fee Paid               |
|---------------|----------|---------------|-----------------|------------------------|
| 101           | 740      | 201           | 370             | Utility filing fee     |
| 106           | 330      | 206           | 165             | Design filing fee      |
| 107           | 510      | 207           | 255             | Plant filing fee       |
| 108           | 740      | 208           | 370             | Reissue filing fee     |
| 114           | 160      | 214           | 80              | Provisional filing fee |
| SUBTOTAL (1)  |          |               |                 | (\$ 740.00)            |

## 2. EXTRA CLAIM FEES

| Total Claims       | 35 | -20** = | 15 | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|---------|----|--------------|----------------|----------|
| Independent Claims | 5  | - 3** = | 2  |              | 84.00          | 168.00   |
| Multiple Dependent |    |         |    |              |                |          |

Large Entity Small Entity

| Fee Code (\$) | Fee (\$) | Fee Code (\$) | Fee Description |
|---------------|----------|---------------|-----------------|
| 103           | 18       | 203           | 9               |
| 102           | 84       | 202           | 42              |
| 104           | 280      | 204           | 140             |
| 109           | 84       | 209           | 42              |
| 110           | 18       | 210           | 9               |
| SUBTOTAL (2)  |          |               |                 |
| (\$ 438.00)   |          |               |                 |

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$)        | Small Entity Fee Code (\$) | Fee (\$) | Fee Description | Fee Paid   |
|-----------------------------------|----------------------------|----------|-----------------|--|
| 105                               | 130                        | 205      | 65              | Surcharge - late filing fee or oath  |
| 127                               | 50                         | 227      | 25              | Surcharge - late provisional filing fee or cover sheet                     |
| 139                               | 130                        | 139      | 130             | Non-English specification  |
| 147                               | 2,520                      | 147      | 2,520           | For filing a request for ex parte reexamination                            |
| 112                               | 920*                       | 112      | 920*            | Requesting publication of SIR prior to Examiner action                     |
| 113                               | 1,840*                     | 113      | 1,840*          | Requesting publication of SIR after Examiner action                        |
| 115                               | 110                        | 215      | 55              | Extension for reply within first month                                     |
| 116                               | 400                        | 216      | 200             | Extension for reply within second month                                    |
| 117                               | 920                        | 217      | 460             | Extension for reply within third month                                     |
| 118                               | 1,440                      | 218      | 720             | Extension for reply within fourth month                                    |
| 128                               | 1,960                      | 228      | 980             | Extension for reply within fifth month                                     |
| 119                               | 320                        | 219      | 160             | Notice of Appeal   |
| 120                               | 320                        | 220      | 160             | Filing a brief in support of an appeal                                     |
| 121                               | 280                        | 221      | 140             | Request for oral hearing   |
| 138                               | 1,510                      | 138      | 1,510           | Petition to institute a public use proceeding                              |
| 140                               | 110                        | 240      | 55              | Petition to revive - unavoidable   |
| 141                               | 1,280                      | 241      | 640             | Petition to revive - unintentional   |
| 142                               | 1,280                      | 242      | 640             | Utility issue fee (or reissue)   |
| 143                               | 460                        | 243      | 230             | Design issue fee   |
| 144                               | 620                        | 244      | 310             | Plant issue fee  |
| 122                               | 130                        | 122      | 130             | Petitions to the Commissioner  |
| 123                               | 50                         | 123      | 50              | Processing fee under 37 CFR 1.17(q)  |
| 126                               | 180                        | 126      | 180             | Submission of Information Disclosure Stmt                                  |
| 581                               | 40                         | 581      | 40              | Recording each patent assignment per property (times number of properties) |
| 146                               | 740                        | 246      | 370             | Filing a submission after final rejection (37 CFR § 1.129(a))              |
| 149                               | 740                        | 249      | 370             | For each additional invention to be examined (37 CFR § 1.129(b))           |
| 179                               | 740                        | 279      | 370             | Request for Continued Examination (RCE)                                    |
| 169                               | 900                        | 169      | 900             | Request for expedited examination of a design application                  |
| Other fee (specify) _____         |                            |          |                 |  |
| *Reduced by Basic Filing Fee Paid |                            |          |                 | SUBTOTAL (3) (\$ 0.00)   |

## SUBMITTED BY

Complete (if applicable)

|                   |   |                                   |        |           |              |
|-------------------|---|-----------------------------------|--------|-----------|--------------|
| Name (Print/Type) | Charles W. Stewart  | Registration No. (Attorney/Agent) | 34,023 | Telephone | 713.289.4661 |
| Signature         |  |                                   |        | Date      | 2-19-02      |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: §  
**Kenneth D. Hope, Michael S. Driver** §  
**And Thomas V. Harris** §  
§  
Serial No.: **UNKNOWN** § Group Art Unit: **UNKNOWN**  
§  
Filed: **HEREWITH** § Examiner: **UNKNOWN**  
§  
For: **High Viscosity Polyalphaolefins** § Attorney Docket: **09/588103US1**  
**Prepared With Ionic Liquid Catalyst** §

**REQUEST UNDER 37 C.F.R. 1.53(d) FOR**  
**FILED DIVISIONAL APPLICATION**

Assistant Commissioner for Patents

**Box: CPA**

Washington, D.C. 20231

Sir:

This is a request for filing a divisional application under 37 C.F.R. 1.53(d), of now allowed prior application Serial No. 09/588,103 filed on May 31, 2000, for HIGH VISCOSITY POLYALPHAOLEFINS PREPARED WITH IONIC LIQUID CATALYST.

1. Enclosed are true copies of the prior application as originally filed. This application contains no sheets of drawings.
2. Enclosed is a copy of the executed Declarations by the inventors filed in the prior application.

Please amend this application as shown in the accompanying PRELIMINARY AMENDMENT.

3. The filing fee is calculated below:

| CLAIMS AS FILED IN THE PRIOR APPLICATION, LESS ANY CLAIMS CANCELLED BY THE PRELIMINARY AMENDMENT |              |              |            |                      |
|--|--------------|--------------|------------|----------------------|
| For  | Number Filed | Number Extra | Rate       | Basic Fee (\$740.00) |
| Total Claims   | 35-20        | 15           | X \$18.00  | 270.00               |
| Independent Claims   | 5-3          | 2            | X \$84.00  | 168.00               |
| Multiple Dependent Claims  | 0            | 0            | X \$270.00 | 0                    |
| TOTAL FILING FEE   |              |              |            | \$1178.00            |

4. Please charge Chevron Phillips' Deposit Account No. 50-1629 in the amount of the total filing fee stated above. The Commissioner is hereby authorized to charge any additional fees which may be required under 37 C.F.R. 1.16 or 37 C.F.R. 1.17, or credit any overpayment, to Deposit Account No. 50-1629, but is not authorized to charge any fee provided for under 37 C.F.R. 1.18.

5. The prior application is assigned of record to Chevron Chemical Company LLC, by an assignment filed in the United States Patent and Trademark Office on May 31, 2000, and recorded on Reel 010862, Frame 0300.

6. All future correspondence should be addressed to Charles W. Stewart, Chevron Phillips Chemical Company LP, 1301 McKinney, Suite 3454, Houston, TX 77010.

7. The art of record in prior application Serial No. 09/588,103 is drawn to the Examiner's attention. The art does not in the opinion of the undersigned anticipate this invention or render this invention obvious to one of ordinary skill in the art. A true copy of PTO Form-1449 as previously filed is also attached.

8. I hereby certify that the attached papers are true and correct copies of the prior application Serial No. 09/588,103, as originally filed on May 31, 2000.

The undersigned declares further that all statements made herein of her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

Date: 2-19-02  
Chevron Phillips Chemical Company LP  
1301 McKinney, Suite 3454  
Houston, TX 77010  
Telephone: (713) 289-4661  
Facsimile: (713) 289-4655

By: Charles W. Stewart  
Charles W. Stewart  
Registration No. 34,023  
Attorney for Applicants

**CERTIFICATE OF MAILING**

"Express Mail" Mailing Label No.: EL732378892US

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated and is addressed to the Assistant Commissioner of Patents, Box: CPA, Washington, D.C. 20231, on:

2-19-02

(Date)

Linda Sengvong  
Linda Sengvong